

## 2018 Current Fiscal Year Report: Genomic Medicine Program Advisory Committee

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### 1. Department or Agency

Department of Veterans Affairs

### 2. Fiscal Year

2018

### 3. Committee or Subcommittee

Genomic Medicine Program Advisory Committee

### 3b. GSA Committee No.

29107

### 4. Is this New During Fiscal Year?

Yes

### 5. Current Charter

05/09/2018

### 6. Expected Renewal Date

05/09/2020

### 7. Expected Term Date

### 8a. Was Terminated During Fiscal Year?

No

### 8b. Specific Termination Authority

### 8c. Actual Term Date

### 9. Agency Recommendation for Next Fiscal Year

Continue

### 10a. Legislation Req to Terminate?

No

### 10b. Legislation Pending?

Not Applicable

### 11. Establishment Authority

Agency Authority

### 12. Specific Establishment Authority

38 USC 527

### 13. Effective Date

02/23/2006

### 14. Committee Type

Continuing

### 14c. Presidential?

No

### 15. Description of Committee

Scientific Technical Program Advisory Board

### 16a. Total Number of Reports

No Reports for this Fiscal Year

### 17a. Open 1 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 1 Meetings and Dates

Purpose	Start	End
To discuss the current landscape on return of individual genetic results to research participants and potential relevance to the Million Veteran program, to review progress on the PRIME study and the clinical genomics program	11/02/2017	11/02/2017

### Number of Committee Meetings Listed: 1

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$3,000.00	\$6,000.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$4,621.00	\$9,519.26
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$2,000.00
18b(1). Travel and Per Diem to Non-Federal Members	\$2,662.28	\$6,000.00
18b(2). Travel and Per Diem to Federal Members	\$3,087.50	\$6,000.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$2,097.15	\$5,000.00

<b>18d. Total</b>	\$15,467.93	\$34,519.26
<b>19. Federal Staff Support Years (FTE)</b>	0.20	0.20

**20a. How does the Committee accomplish its purpose?**

The Committee recommendations reflect the following VA Strategic Priorities priorities: Goal 1: Veterans choose VA for easy access, greater choices, and clear information to make informed decisions 1. The establishment of a working group to provide recommendations for which genetic results to return to MVP participants and how to best do so will help VA provide clear information to the Veterans and their healthcare providers, to help inform decision-making about healthcare. Goal 2: Veterans receive timely and integrated care and support that emphasizes their well-being and independence throughout their life journey— 1. The return of specific genetic research results can be used by Veterans and their providers to inform care. Goal 3: Veterans trust VA to be consistently accountable and transparent 1. Establish a working group to evaluate and make recommendations on the return of genetic results from the Million Veteran Program (MVP)--The VA will ensure that research return or results projects are thoughtfully designed and with appropriate regulations and oversight so that any information presented to Veteran participants and their healthcare providers is clear, concise, and actionable. Goal 4: VA will modernize systems and focus resources more efficiently to be competitive and to provide World Class capabilities to Veterans and its employees— 2. Evaluate the outcome of VA-Department of Energy collaboration for advancing big data science—VA has partnered with the DOE to leverage the high compute capability and know-how of that department to help with the huge amounts of data that have been generated by MVP. This collaboration will allow for the combination the information from the world class VA Electronic Health Record, the expertise of VA clinical researchers, and the raw computational power of DOE supercomputers and data scientists to more quickly and robustly answer research questions about diseases that impact Veterans.

**20b. How does the Committee balance its membership?**

Committee membership is balanced to ensure that all affected medical disciplines are represented. Membership includes those who can represent the interests of VA patients, VA employees, and VA medical facility administrators.

**20c. How frequent and relevant are the Committee Meetings?**

The Committee meets usually 2 to 3 times annually. Committee meetings focus on achieving the maximum benefit from VA's precision medicine/genomic medicine initiatives, of which MVP is the cornerstone. The goal is using genetic information to optimize clinical care of Veterans, and enhance the study and development of diagnostic

tests and treatments for diseases of particular relevance to Veterans. In FY18, only one meeting was held due to delays in approval for the new member nominations, leading to lack of quorum to hold a meeting.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

The Committee is composed partially of private sector professionals who are experts in scientific research and provides a body of expertise that VA does not have now. It is also important to note that the Committee members' breadth of knowledge and experience is a critical component in the establishment of a national VA Genomic Medicine Program, assessing the potential impact of the Program regarding ongoing patient care services and the development of policies and procedures, standards of operation and guidelines consistent with applicable laws relevant to tissue collection, intellectual property rights and patient privacy.

**20e. Why is it necessary to close and/or partially closed committee meetings?**

Meetings are open to the public unless indicated in accordance with the Government in the Sunshine Act.

**21. Remarks**

**Designated Federal Officer**

Sumitra Muralidhar Program Director, Million Veteran Program, Office of Research and Development Services

<b>Committee Members</b>	<b>Start</b>	<b>End</b>	<b>Occupation</b>	<b>Member Designation</b>
Berger, Thomas	11/30/2015	12/31/2019	Veterans Health Council	Representative Member
Bonham, Vence	11/30/2015	12/01/2017	National Institutes of Health	Regular Government Employee (RGE) Member
Bridge, Julia	11/30/2015	12/01/2018	University of Nebraska	Special Government Employee (SGE) Member
Butte, Atul	11/30/2015	12/01/2018	University of California	Special Government Employee (SGE) Member
Coombes, Kevin	11/30/2015	12/01/2018	Ohio State University	Special Government Employee (SGE) Member
Ferreira-Gonzalez, Andrea	11/30/2015	12/01/2018	Virginia Commonwealth University	Special Government Employee (SGE) Member
Gibbons, Gary	08/24/2018	12/31/2021	Director, NHLBI, NIH	Special Government Employee (SGE) Member
Hyman, Steven	11/30/2015	12/01/2018	Harvard and MIT	Special Government Employee (SGE) Member
Mardis, Elaine	11/30/2015	12/01/2018	Nationwide Children's Hospital	Special Government Employee (SGE) Member
Morton, Cynthia	11/30/2015	12/01/2017	Harvard Medical School	Special Government Employee (SGE) Member

Nussbaum, Robert	11/30/2015 12/01/2017	Invitae and UCSF	Special Government Employee (SGE) Member
Roden, Dan	08/24/2018 12/30/2021	Vanderbilt University	Special Government Employee (SGE) Member
Watson, David	11/30/2015 12/01/2018	US Air Force	Regular Government Employee (RGE) Member

**Number of Committee Members Listed: 13**

### Narrative Description

The Committee supports the VA medical care and research mission by making recommendations and guidance regarding the use of genomic information in research and patient care. In FY 17, the meeting focus was entirely on MVP, including presentations from the program. External consultants were only invited for the OMICS working group meeting held in conjunction with the October 2016 meeting, thus keeping the cost of the meeting relatively low.

### What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input checked="" type="checkbox"/>
Increased customer satisfaction	<input checked="" type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

### Outcome Comments

NA

### What are the cost savings associated with this committee?

Checked if Applies

None	<input checked="" type="checkbox"/>
Unable to Determine	<input type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>

Over \$10,000,000  
Cost Savings Other

☐  
☐

### **Cost Savings Comments**

NA

**What is the approximate Number of recommendations produced by this committee for the life of the committee?**

28

### **Number of Recommendations Comments**

This is the total number of recommendations from FY2006 through FY2018. The following recommendations were made in FY 2018: 1. Constitute a Working Group to discuss piloting return of genetic results 2. Pilot other omic analyses in addition to genotyping and sequencing.

**What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?**

100%

### **% of Recommendations Fully Implemented Comments**

1. A working group consisting of five GMPAC members was established and they worked remotely to come up with recommendations in January 2018 for 2 pilots on return of genetic results from MVP. (2) A metabolomics pilot with 2000 MVP samples was conducted in FY2018.

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

0%

### **% of Recommendations Partially Implemented Comments**

0

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes ☒ No ☐ Not Applicable ☐

### **Agency Feedback Comments**

Presentation of updates on recommendations are provided at Committee meetings.

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

- |                                   |                          |
|-----------------------------------|--------------------------|
| Reorganized Priorities            | <input type="checkbox"/> |
| Reallocated resources             | <input type="checkbox"/> |
| Issued new regulation             | <input type="checkbox"/> |
| Proposed legislation              | <input type="checkbox"/> |
| Approved grants or other payments | <input type="checkbox"/> |
| Other                             | <input type="checkbox"/> |

**Action Comments**

NA

**Is the Committee engaged in the review of applications for grants?**

No

**Grant Review Comments**

No grants were reviewed

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

- |                           |                                     |
|---------------------------|-------------------------------------|
| Contact DFO               | <input checked="" type="checkbox"/> |
| Online Agency Web Site    | <input checked="" type="checkbox"/> |
| Online Committee Web Site | <input type="checkbox"/>            |
| Online GSA FACA Web Site  | <input checked="" type="checkbox"/> |
| Publications              | <input type="checkbox"/>            |
| Other                     | <input type="checkbox"/>            |

**Access Comments**

NA